

ICONES  
RERUM  
NATURALIUM,

QUAS

IN ITINERE ORIENTALI

DEPINGI CURAVIT

PETRUS FORSKÅL,

PROF. HAUN.

POST MORTEM AUCTORIS

AD REGIS MANDATUM

ÆRI INCISAS EDIDIT

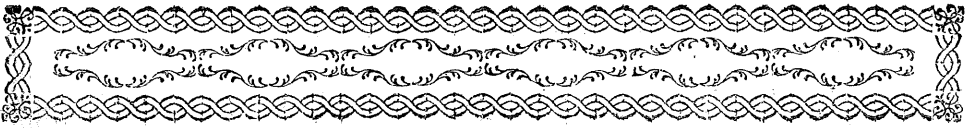
CARSTEN NIEBUHR.

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HAUNIÆ,

EX OFFICINA MÖLLERI, AULÆ TYPOGRAPHI.

MDCCLXXVI.



## MONITUM.

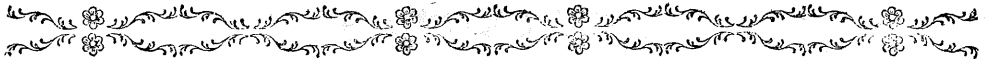
**H**isce tabulis, numero XLIII, exhibentur figurae rerum naturalium, quas in itinere orientali per *Bauvenseindiam* depingi curavit Cl. *Forskal.* Earum in prooemio ad descriptiones animalium in eodem itinere observatorum jam facta est mentio, & quod de manuscriptis Auctoris ibi monitum est, valet etiam de his figuris. Hoc praesertim curae habitum est, ut sub sculptoris manu nec mutiletur figura ulla, nec dubio supplemento augeatur, si quam non perfecerat pictoris penicillus; & ne scientiae naturali detrahatur fructus aliquis ex Auctoris labore indefesso hauriendus, imperfectae una cum perfectis sistuntur.



Explicatio figurarum vel nulla, vel incompleta inter schedulas *Forskâlianas* reperta est. Hinc quæ tabulis præmittitur, facta est instituta comparatione inter figuras & descriptiones, ut defectus ille, quousque fieri potuit, suppleatur, quod consultius ductum est, quam lectori hunc laborem relinquere.

Ut repetitio superflua evitetur, nominibus *Forskâlianis* apposita tantum est pagina & numerus speciei in ejus operibus, nempe Flora *Ægyptiaco-Arabica*, Tab. I--XX, & descriptionibus *Animalium*, Tab. XXI--XLIII.

EXPLI-



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## TAB. XVIII.

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## TAB. XXVI.

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 F. f. Ejusdem varietas, corpore ovali postice obtusiore.  
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   g. 2. *Foramen lateris dextri pone tentacula.*  
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   h. 2. *Ventri incumbens.*  
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   An *Nereis cirrosa*. L. S. N. Tom. I. Pars. II. pag. 1085. n. 3?  
   *at defunt cirri laterales.*  
   i. 1. *Eadem, magnitudine audta.*  
   i. 2. *Pars corporis anterior, inferne visus, fetarum fasciculos monstrans.*  
 K. HOLOTHURIO spirans. Pag. 104. n. 15.  
   *Medusa Veella.* L. S. N. Tom. I. P. II. pag. 1098. n. 12.  
   k. 1. *Eadem visa a parte inferiore.*  
   k. 2. *Os, quod in centro figuræ k. 1. videtur, extensum.*  
   k. 3, 4, 5. *Specimina minora, vario situ visa.*  
 L. HOLOTHURIO denudata. Pag. 103. n. 14.  
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   *Priapi Equiti a Linné quondam dicti nunc Actiniae nomine in ejus  
   S. N. insigniuntur.*

D. AL-

D. ALCYONIUM Phusca. Pag. 129. n. 82.

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E. An *Ascidia quadridentata. L. S. N. Tom. I. P. II. pag. 1087. n. 4.*

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G. MADREPORA Acetabulum? Pag. XXVIII. a.

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B. MEDUSA non descripta. Color coerulefcens.

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MEDUSA octostyla. Pag. 106. n. 18.

TAB. XXXI.

MEDUSA Andromeda. Pag. 107. n. 19.

TAB. XXXII.

MEDUSA æquorea. Pag. 110. n. 28.

1. *Margo oris versatilis.*

2. *Radii membranacei undulati inter ventriculum disci & marginem cir-  
rosorum.*

3. *Radius longitudinaliter extensus ut crispatura evanescat, in quo videtur  
membrana alba longitudinalis media, connectens membranas laterales  
violaceas.*

TAB. XXXIII.

A. MEDUSA cruciata. Pag. 110. n. 27.

a. 1. *A parte inferiore visa.*

a. 2. *A latere visa.*

B. MEDUSA Persea. Pag. 107. n. 21.

b. *A parte inferiore visa.*





- C. MEDUSA mollicina. Pag. 109. n. 25. *Latus inferius.*  
 c. *Situ horizontali, margine deflexo.*
- D. MEDUSA pilcata. Pag. 110. n. 26. *In specimine depictio integumenta remota sunt, ut nucleus lobatus unilobatus, cujus in descriptione l. c. mentio facta est, appareat.*
- E. PHYSSOPHORA hydrostatica. Pag. 119. n. 45.  
 e. 1. *Vesiculæ laterales, trilobæ, oppositæ.*  
 e. 2. *Pars inferior pone ventriculum & os, in qua videntur tentacula, cirri, & vesiculæ globosæ unius lateris quinque, alterius tres.*
- F. PHYSSOPHORA filiformis. Pag. 120. n. 47.

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- A. PTEROTRACHEA coronata. Pag. 117. n. 41.  
 1. *Proboscis.* 2. *Frontis coronula spinis constans.* 3. *Oculus dextræ lateris.* 4. 4. *Sacculus vel gula duplex.* 5. *Pinna.* 6. *Pinnula campanulata pinnae affixa.* 7. *Annus.* 8. *Cauda.* 9. *Ejus pinnulae.*
- B. PTEROTRACHEA hyalina. Pag. 118. n. 42.  
 1. *Caput.* 2. *Oculi ad basin capitis.*
- C. PTEROTRACHEA aculeata. Pag. 118. n. 44.  
 1. *Nucleus.* 2. *Caput?* 3. *Trunci plica in latere dextro.* 4. *Cylinder in medio tranco pellucens.* 5. *Lobus cristatus ad nuclei latus sinistrum.* 6. *Cauda.* 7. *Pinnulae caudæ.*  
 c. *Cauda cum Tænia.*
- D. PTEROTRACHEA, cujus icon, non vero descriptionem reliquit defunctus *Forskål.* Differt a præcedente nucleo 1. non ovato acuto, sed obtusissimo & fere orbiculato; corpusculo falcato, 2. pone nucleum, cujus loco præcedenti est corpusculum pluma cristatum ante nucleum; Pinnula caudæ 3. triplici; & defectu capitis, quod in præcedente figura *Ziphera* 2. denotatur. At pars ibi depicta, quamvis in explicatione figuræ ab ipso descriptore exhibita capitis nomine insignitur, potius videtur gelatinosæ substantiæ pars abrupta, quum e de-



e descriptione 1. c. pateat, specimen descriptum fuisse mortuum, nec ibi Capitis a trunco distincti mentio fit, os vero in gelatina, qua cylinder trunci translucens terminatur, esse dicitur. 4. Pars anterior, in qua oculus.

## TAB. XXXV.

- A. SALPA maxima. Pag. 112. n. 30.  
a. 1. *Varietas, appendicibus corporis longitudine.*  
a. 2. *Plures dorsibus coherentes.*  
1. *Os.* 2. *Nucleus.* 3. *Anus.* 4. *Appendix posterior vel analis.*  
5. *Appendix anterior.* 6. *Intestinum obliquum transverse striatum.*
- B. SALPA pinnata. Pag. 113. n. 31.  
b. 1. *Varietas, lineis abdominis longioribus interruptis.*  
b. 2. *Plures in associatione, junctis appendicum apicibus coherentes.*  
1. *Os.* 2. *Anus.* 3. *Appendix dorsalis in speciminibus. B. & b. 2.*  
3. *In Specimine b. 1. linea abdominis intermedia.* 4. *Lineae laterales interruptæ.*
- C. SALPA punctata. P. 114. n. 34.  
1. *Os.* 2. *Nucleus.* 3. *Anus.*

## TAB. XXXVI.

- A. SALPA confoederata. Pag. 115. n. 35.  
1. *Os.* 2. *Nucleus & in eadem extremitate anus.*  
a. *Associatio plurium.*
- B. SALPA fasciata. Pag. 115. n. 36.  
1. *Os.* 2. *Nucleus.* 3. *Anus.* 4. *Intestinum curvatum, striatum.*
- C. SALPA africana. Pag. 116. n. 38.  
1. *Os.* 2. *Nucleus.* 3. *Anus.* 4. *Nucleus albus ad apicem pinnæ, quæ a regione oris ultra medium dorsi longitudinaliter extenditur.* 5. *Nucleus alter albus, retortæ forma.*



- D. SALPA mucronata. Pag. 114. n. 33.  
 1. Os. 2. *Mucro ad oris latus.* 3. *Mucro ad ani latus.*
- E. SALPA, quæ non descripta est.  
*Ad 1. nucleus huic generi proprius videtur.*
- F. SALPA polycratica. Pag. 116. n. 40.  
 1. Os. 2. *Nucleus.* 3. *Anus.*
- G. SALPA democratica. Pag. 113. n. 32.  
 1. Os. 2. *Nucleus cinctus circulo multiradiato.* 3. *Setæ caudales.*  
 4. *Aculei inter setas caudales.* 5. *Setæ vel aculei laterales.*  
 g. *Extremitas, in qua os.*
- H. SALPA maxima (cfr. Tab. XXXV. A.) monstrosa, intestino maximo obtusissimo per anum protruso.  
 1. Os. 2. *Nucleus.* 3. *Appendix analis.* 4. *Appendix anterior.*
- I. MEDUSA proboscidalis. Pag. 108. n. 23.  
 1. *Proboscis.* 2. *Ejus membrana terminalis plicata.* 3. *Folia petiolata.*

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- A. MADREPORA.  
 B. MADREPORA dædalea? Pag. 133. n. 7.  
 C. MADREPORA incrustans? Pag. 135. n. 16.  
 D. MADREPORA.  
 E. FISTULARIA vittata. Pag. 121. n. 48.  
 F. Ejusdem varietas, *vittis albis interruptis*, l. c. descripta.

## TAB. XXXVIII.

- A. FISTULARIA reciprocans. Pag. 121. n. 49.  
 B. FISTULARIA maxima. Pag. 121. n. 50.  
 b. *Os linguarum retractarum peltis orbiculatis cinctum.*

## TAB. XXXIX.

- A. FISTULARIÆ species, non descripta.  
*Tentacula terminata in umbellam e ramis ramulisque clavatis distinguunt speciem hanc, quæ ceterum præcedenti maximi affinis est.*

B. Fi-



- B. FISTULARIA *impatiens*. Pag. 121. n. 51.  
 b. *Pelta tentaculi l. Linguae septemfida denticulata.*
- C. LITOPHYTON *fuluum?* pag. 139. n. 33.  
 c. *Idem dissectum, ut interna strudura appareat.*  
*Ad ALCYONIA L. referri debet.*

## TAB. XL.

- A. BUCCINUM quod ad B. *Arcularia L.* accedit.
- B. ANOMIA *tridentata*. Pag. 124. n. 63. *testa longiore minus convexa ob-*  
*versa.*  
 b. 1. *Eadem testa altera convexiore & brevior obversa, alis expansis tes-*  
*tae longioris parti prominenti incumbentibus, & membranula undiqua-*  
*que exserta.*  
 b. 2. *Animal, post asservationem in spiritu vini exemptum.*
- C. HELIX *janthina*, *natans ope vesicularum*. Pag. 127. n. 75.  
*L. S. N. Tom. I. P. II. pag. 1246. n. 689.*  
 c. 1. *Ejus Caput, l. pars anterior, tentaculis quatuor recurvatis.*  
 c. 2. *Eadem, exsertis partibus nonnullis praeter vesicularum massam.*  
 c. 3. *Eadem pluribus partibus exsertis.*  
 c. 4. *Intestinum e Proboscidis labiis protrusum, apice umbilicatum, quod*  
*matrix putatur.*
- D. CONI species, *monstrans animalis inhabitantis proboscidem cylindricam*  
*truncatam & oculos tentaculatos, vel tentacula cylindrica oculifera*  
*pone apicem appendiculata.*
- E. CYPREAE species, *monstrans partem animalis anteriorem & velum murica-*  
*tum vel aculeatum, supra testam ab utroque latere revolutum.*
- F. VOLUTAE species, *in qua velum ab utroque latere supra testam revolutum*  
*visu est.*

## TAB. XLI.

- A. a. MADREPORAE species, *incruffans, colore coeruleo.*
- B. b. ALCYONII? species, *colore incarnato.*



C. c. MADREPORA.

D. d. CANCER sedentarius. Pag. 95. n. 59.

E. SALPA solitaria. Pag. 116. n. 39.

TAB. XLII.

MADREPORA Fungites. Pag. 134. n. 10. Obiecta membrana vesicalifera.

1. *Centrum oblongum, in quo radii confluant.*
2. *Pars membranae radios obtegens.*
3. *Radii nudi denticulati.*

TAB. XLIII.

A. PTEROTRACHEA pulmonata. Pag. 118. n. 43.

1. *Caput.* 2. *Oculi.* 3. *Gula duplex.* 4. *Pinna.* 5. *Membrum papillis plumosis instructum.* 6. *Cauda.*

B. b. PHYSSOPHORA rosacea. Pag. 120. n. 46.

1. *Vesica.* 2. *Cirri.*

C. SALPA Siphon. Pag. 115. n. 37.

D. GLEBA cordata.

E. GLEBA Hippopus.

*Hæc animalcula non descripta, sed modo delineata hisque nominibus insignita tradidit Cl. Forskål. Color est aqueus & substantia gelatinosa.*

F. Animal molluscum generis ignoti non descriptum, visum a latere.

f. *Idem visum a parte inferiore.*

*Apex tubi erecti in F. & Centrum baseos obversæ in f. puncto rubro notatum. Color ceterum albus, & substantia magis solida, quam præcedentium D. & E.*





Appendicis loco SYNONYMA aliquot Plantarum, ex observatis  
in horto botanico, heic subjungimus.

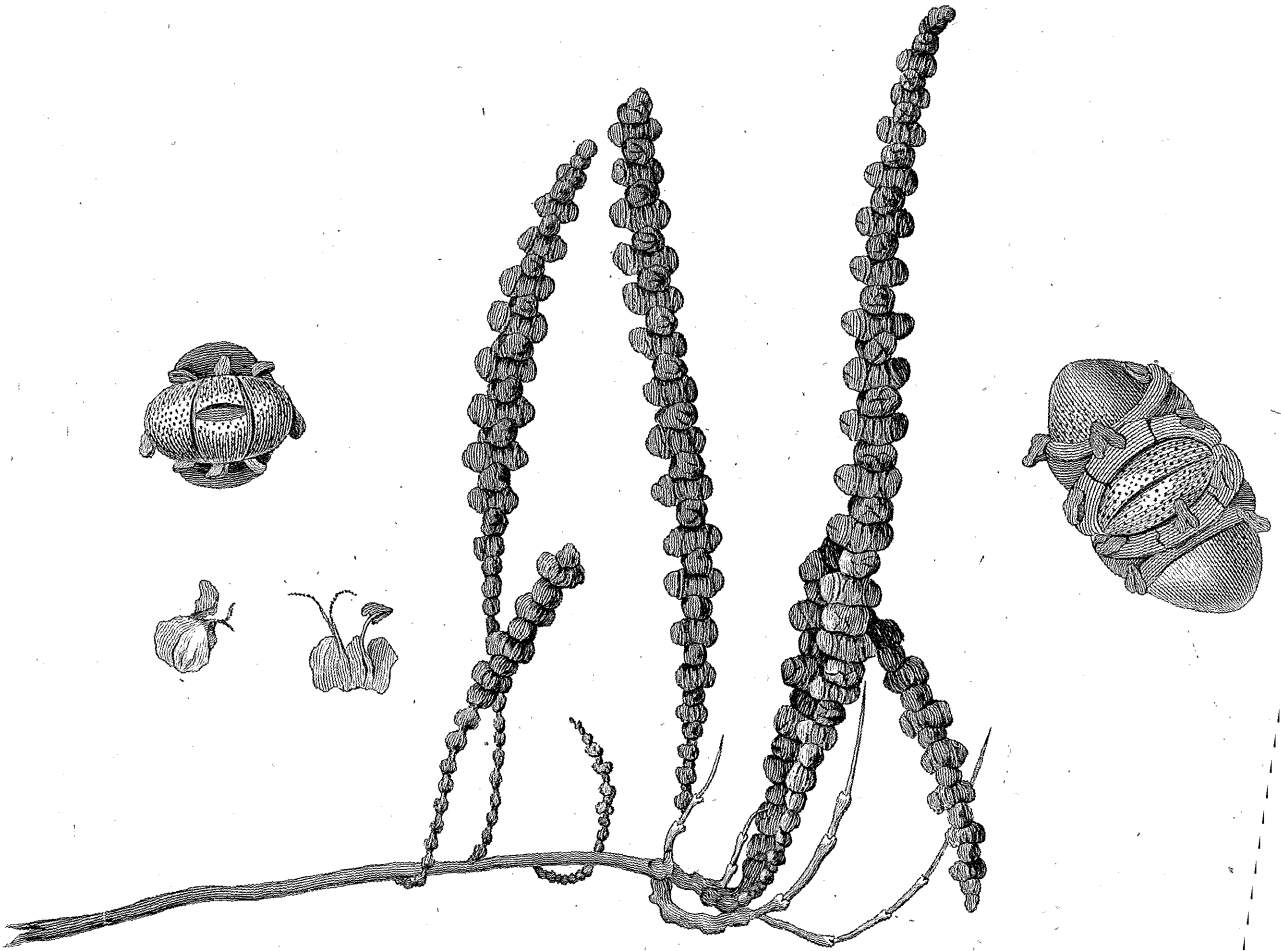
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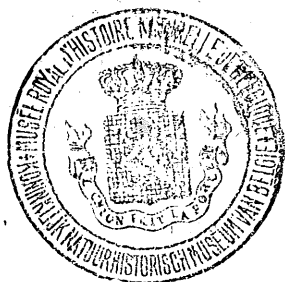
*Verbena capitata*. Pag. 10.  
*Salvia bifida*. Pag. 202.  
*Pentaglossum linifolium*. Pag. 11.  
*Pbalaris muricata*. Pag. 202.  
*Crucianella herbacea*. Pag. 30.  
*Plantago decumbens*. Pag. 30.  
*Scoparia ternata*. Pag. 31.  
*Pteranthus*. Pag. 36.  
*Pharnaceum umbellatum*. Pag. 38.  
*Pharnaceum occultum*. Pag. 58.  
*Papularia crystallina*. Pag. 69.  
*Racoma*. Pag. 71.  
*Portulaca linifolia*. Pag. 92.  
*Corchorus æstuans*. Pag. 101.  
*Muemosilla ægyptiaca*. Pag. 122.  
*Lotus rosea*. Pag. 140.  
*Erigeron ferratum*. Pag. 148.  
*Polycephalus*. Pag. 154.

Nomina *Linnaæana* in Systematis na-  
tura Editione duodecima.

*Verbena nodiflora*.  
*Salvia Forskälii*.  
*Lythrum Thymifolia*.  
*Cucubrus racemosus*.  
*Crucianella ægyptiaca*.  
*Plantago cretica*.  
*Scoparia dulcis*.  
*Camporosma Pteranthus*.  
*Pharnaceum Cerviana*.  
*Mollugo verticillata*.  
*Trianebema monogyna*.  
*Trianebema pentandra*.  
*Portulaca quadrifida*.  
*Corchorus trilocularis*.  
*Hypecoum erectum*.  
*Lotus arabica*.  
*Erigeron ægyptiacum*.  
*Spharanthus indicus*.



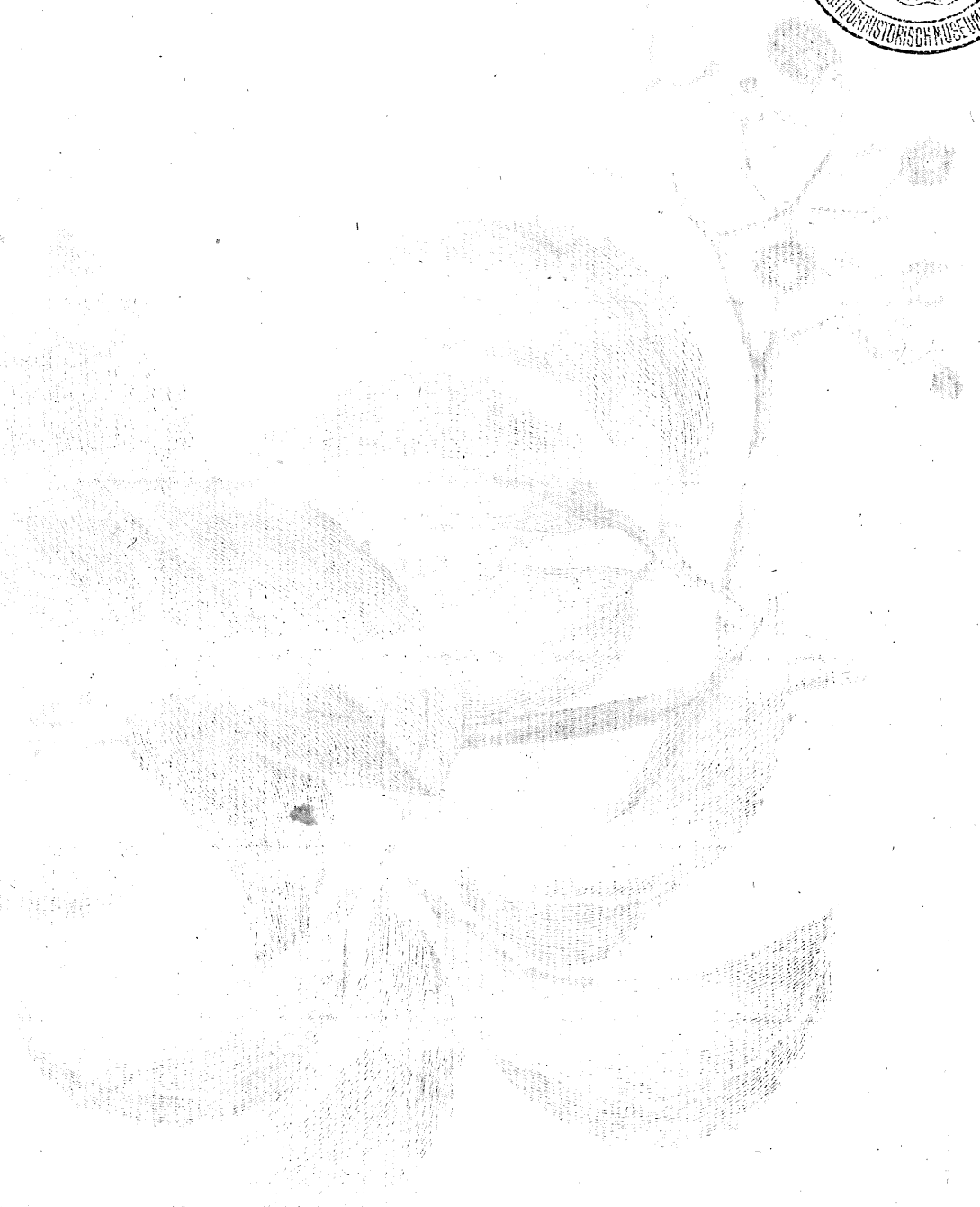
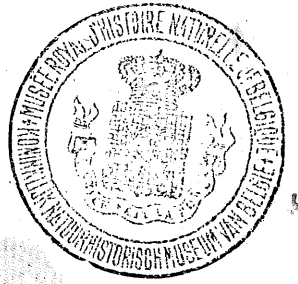








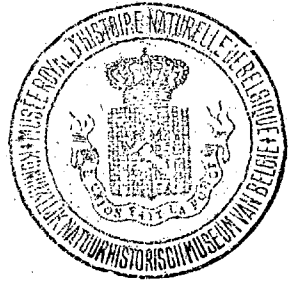




Tab. III.



Mons. Haas Sculp.



Tab. IV.



Peter. Haas. Sculp.









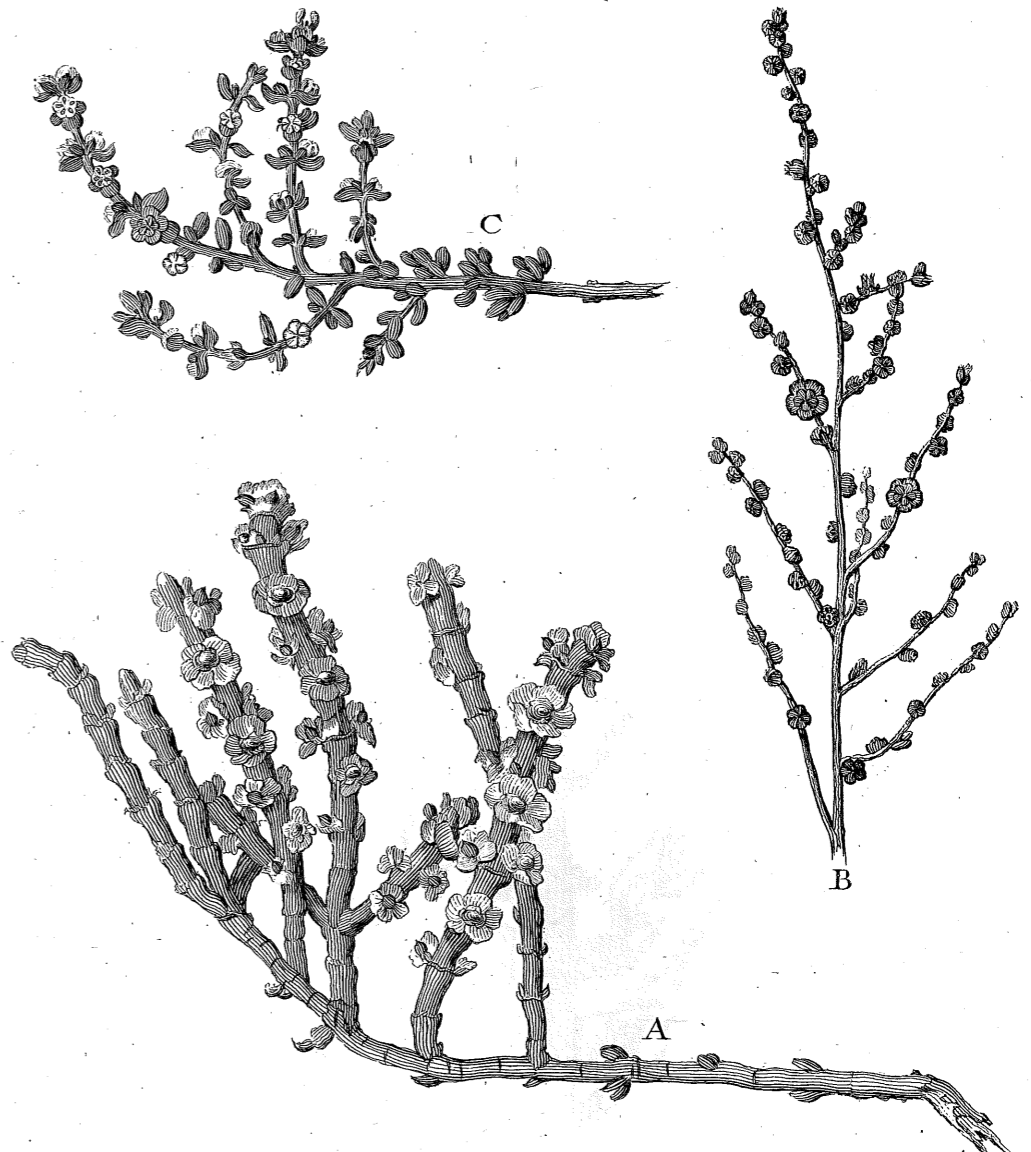
Tab. VI.



Peter Haas sculp.



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P. Haas sculp.

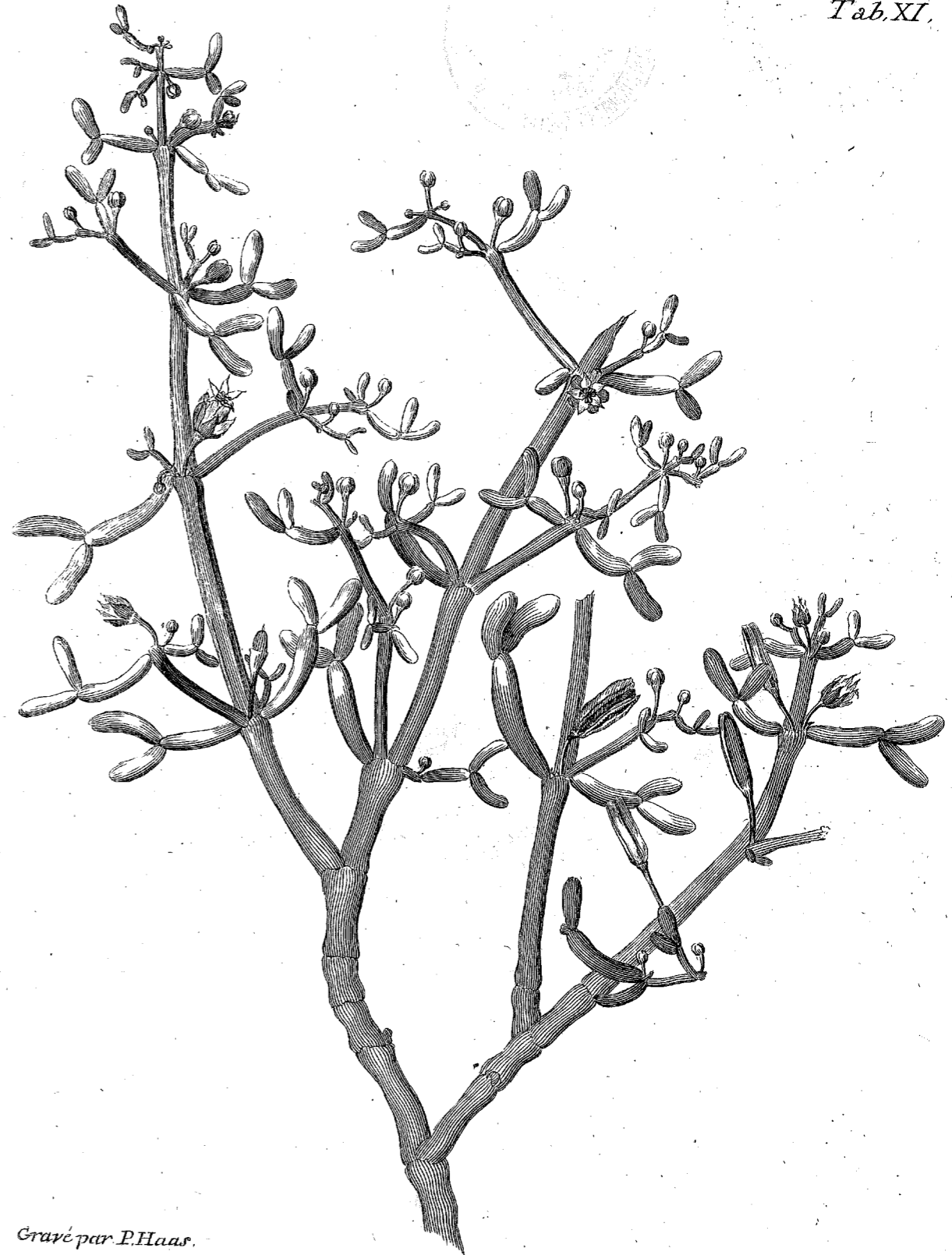




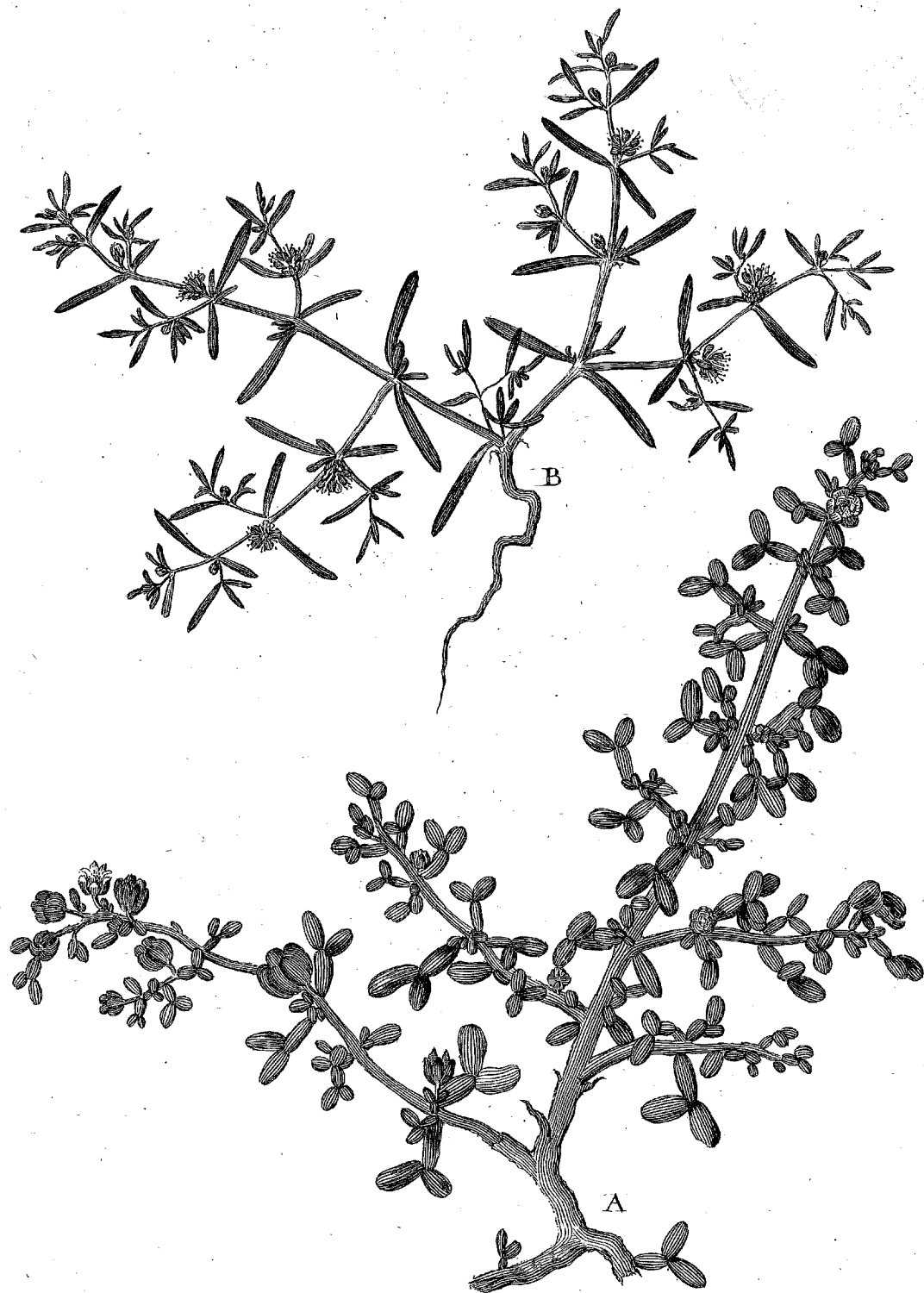
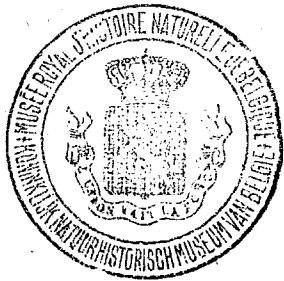
Tab. X.



Peter. Haas. sculp.



Gravé par P. Haas.



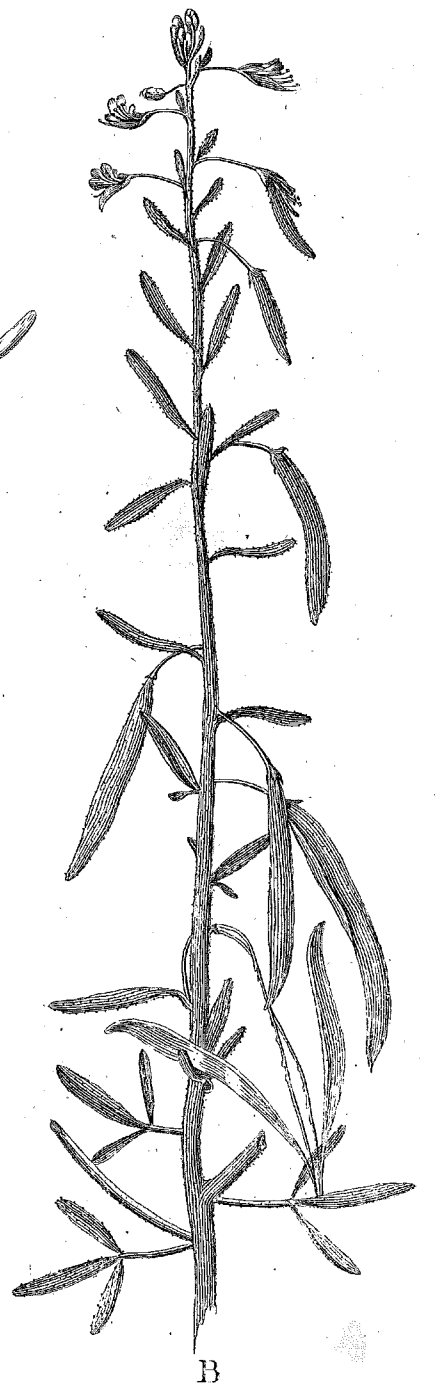
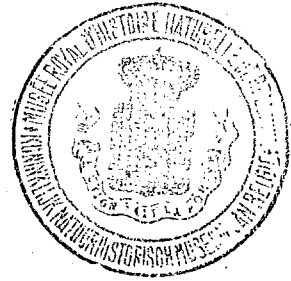
P. Hauss. sculp.





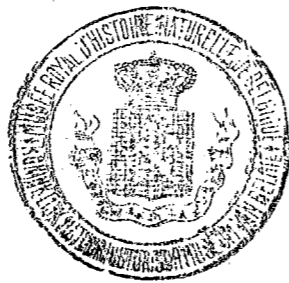




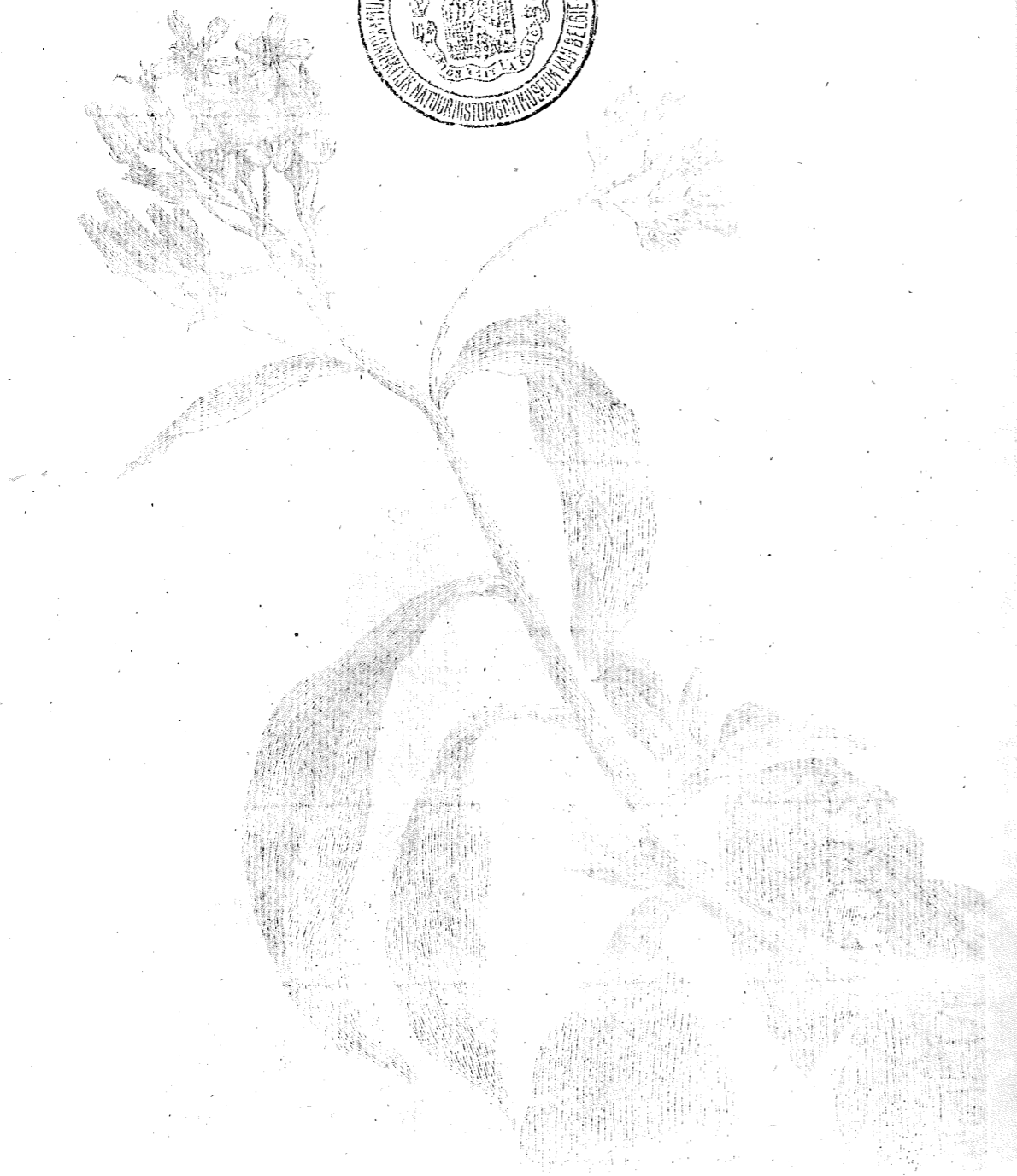




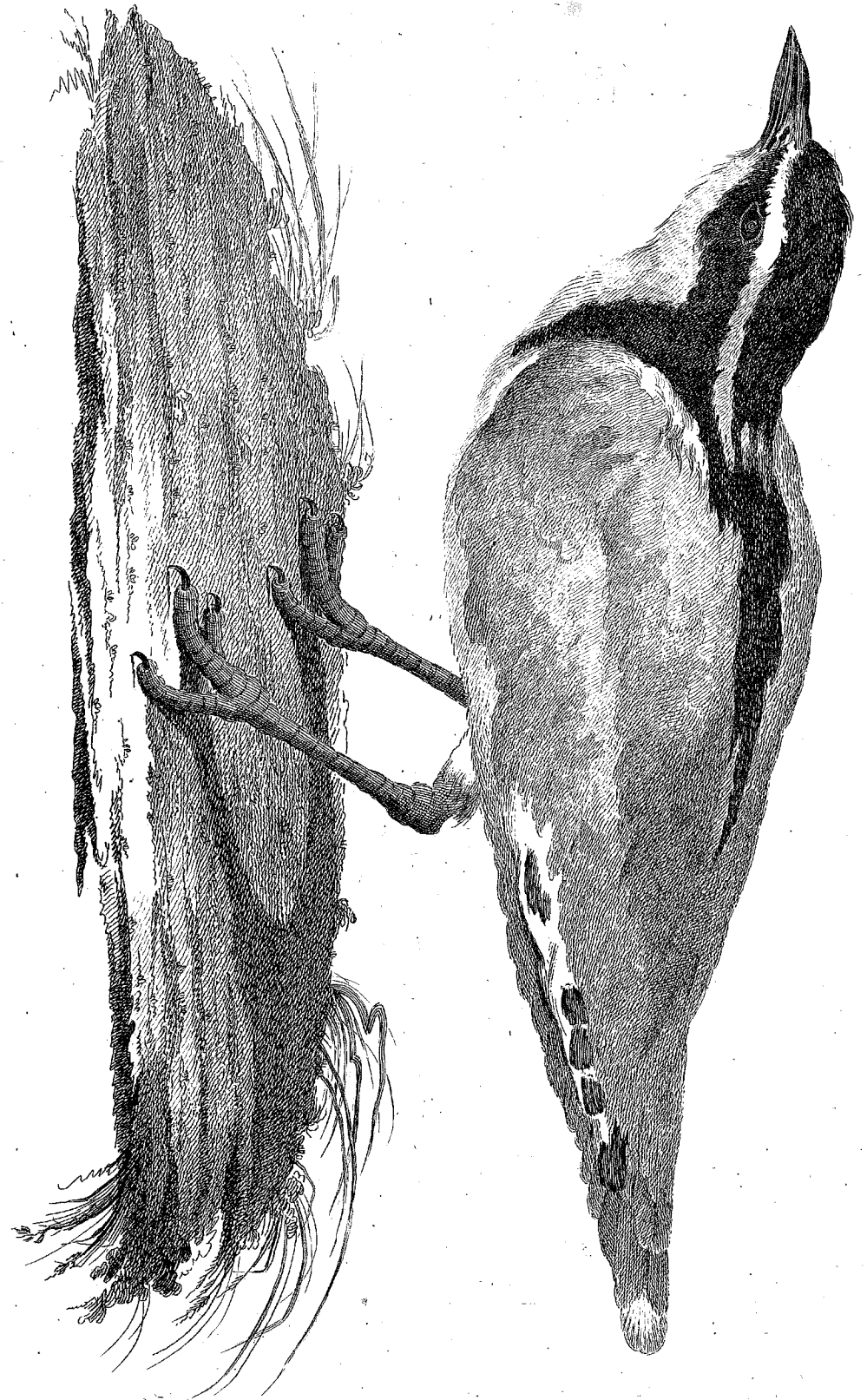
Meun, Haur, Sculp.

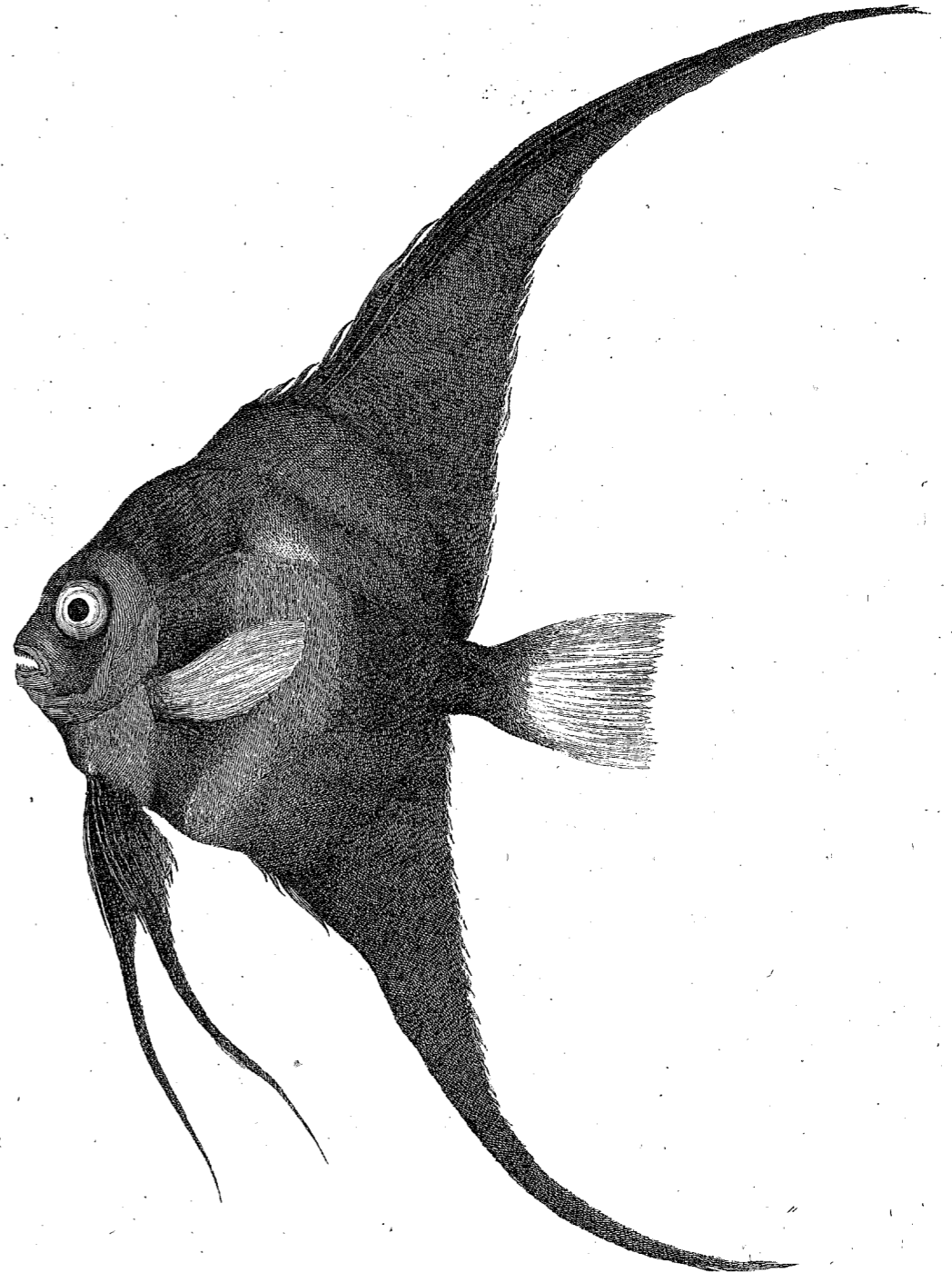


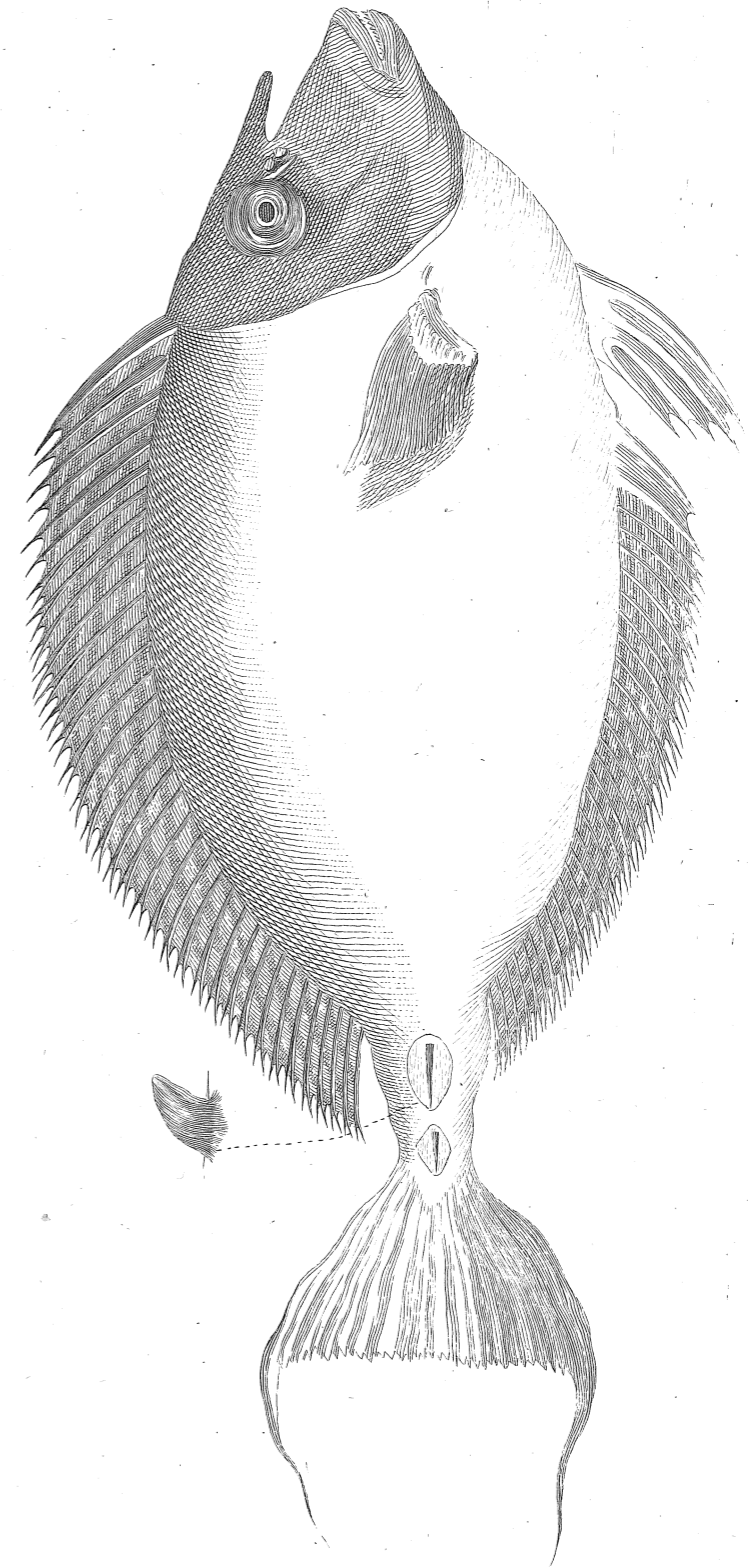


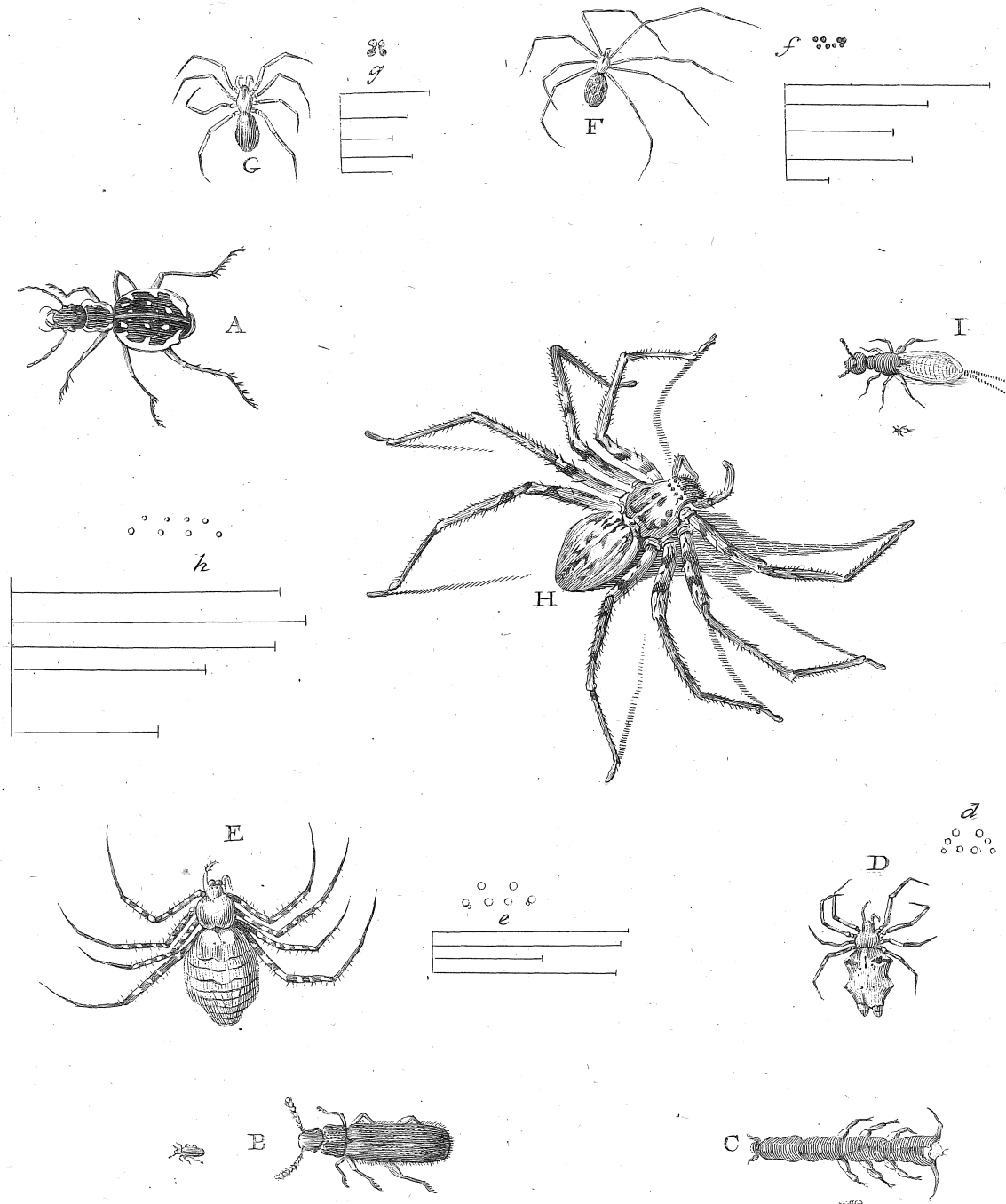
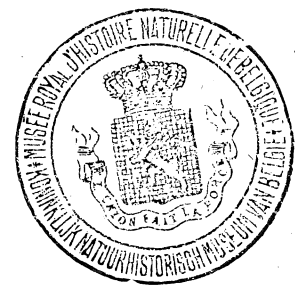




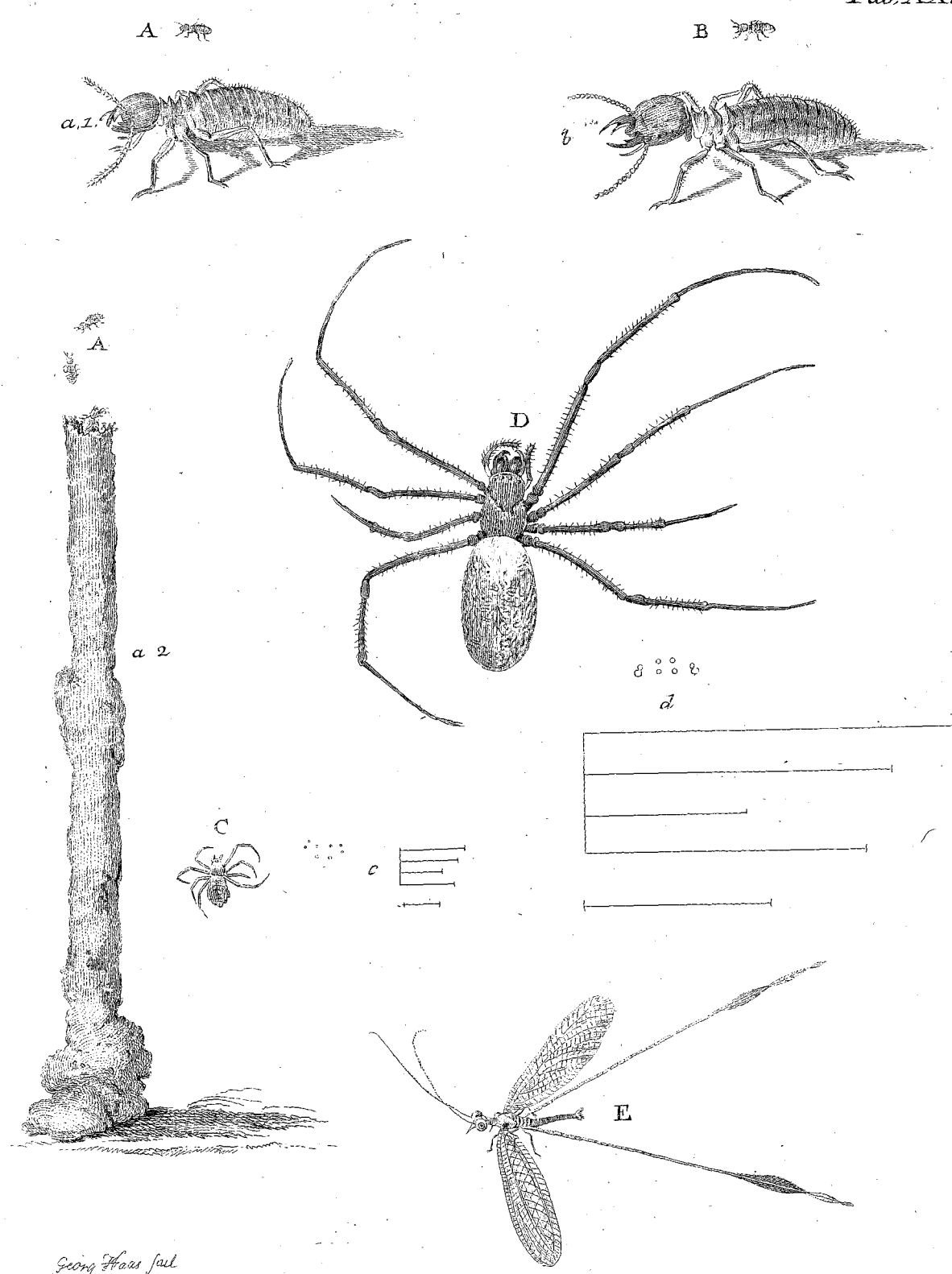


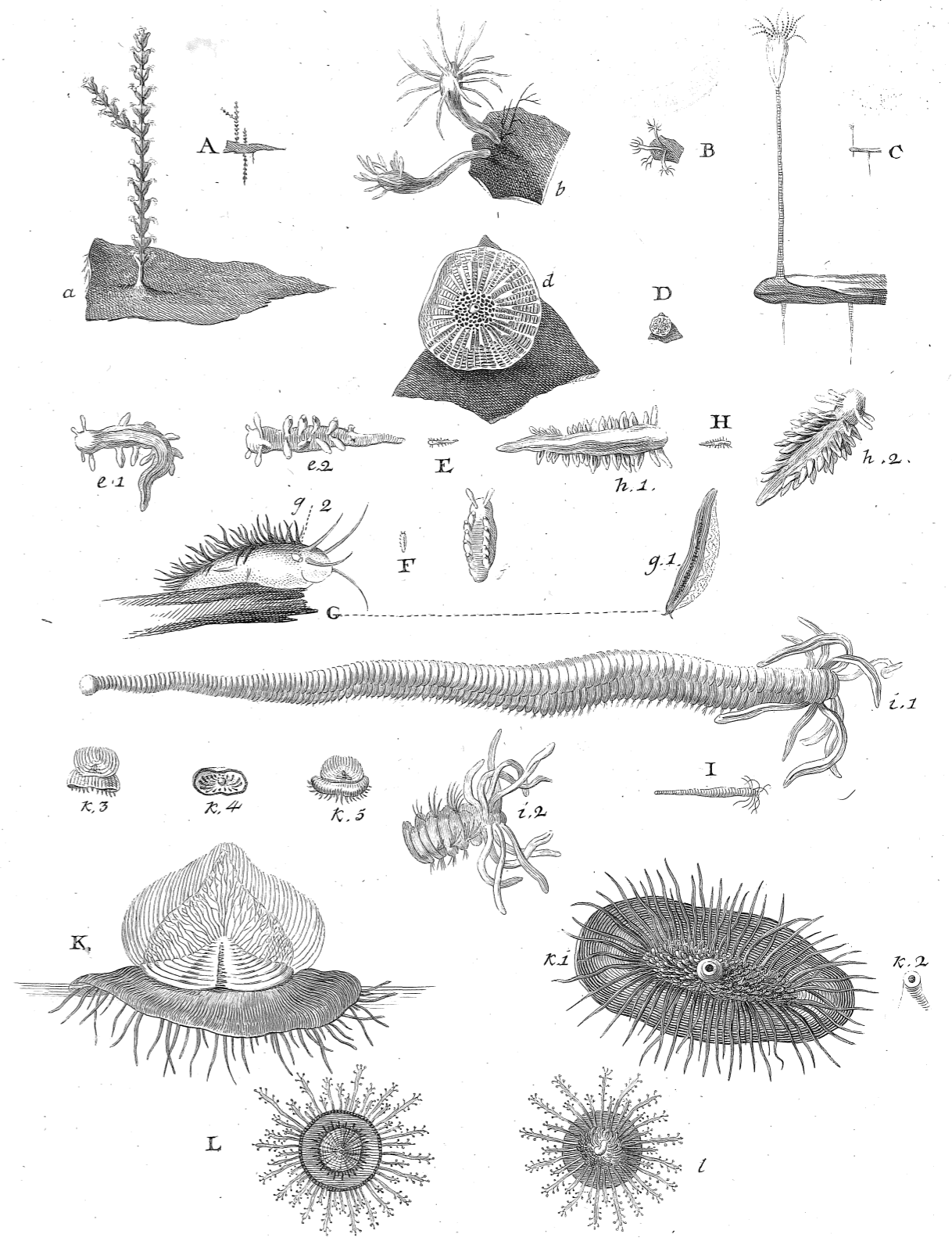


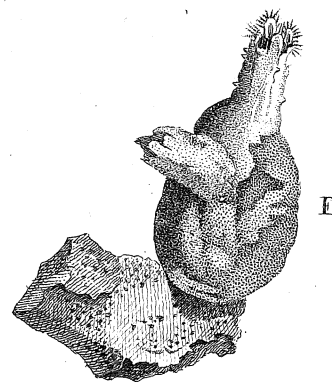
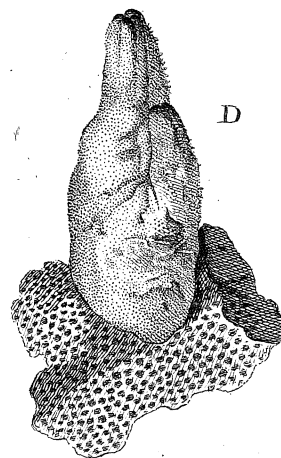
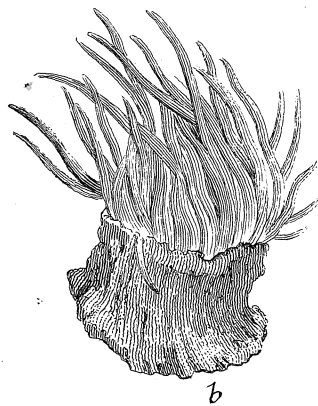
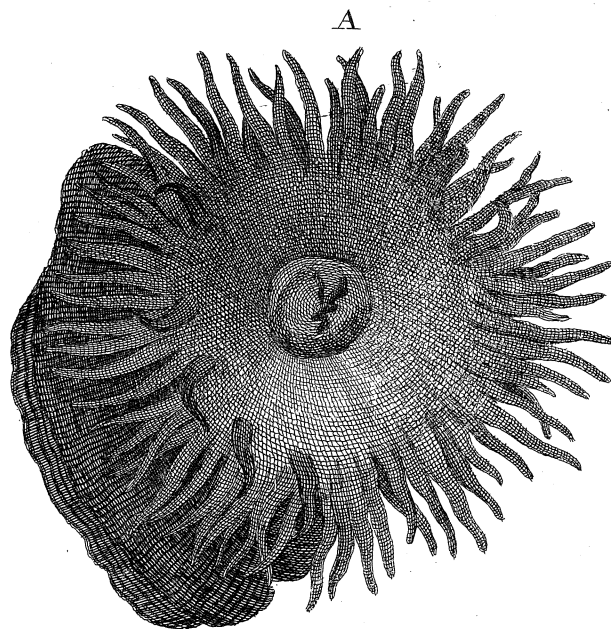
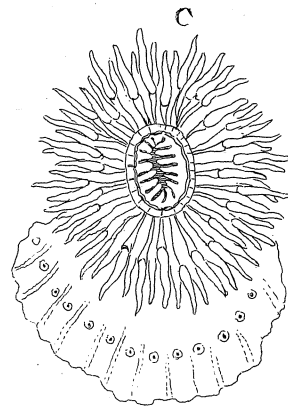
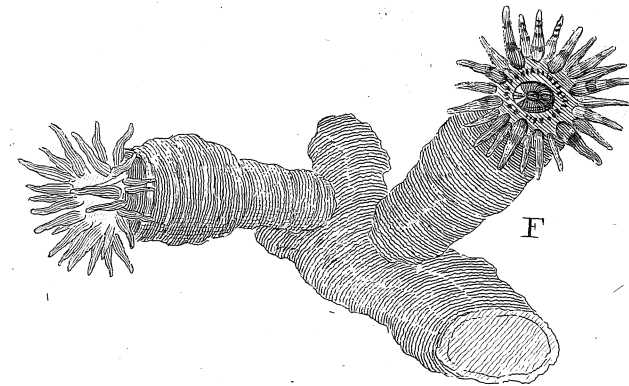
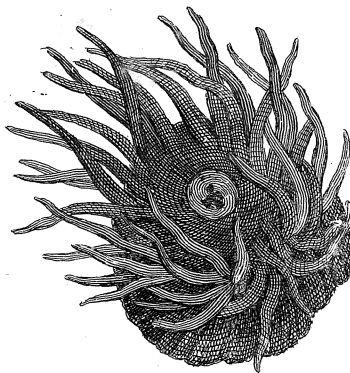


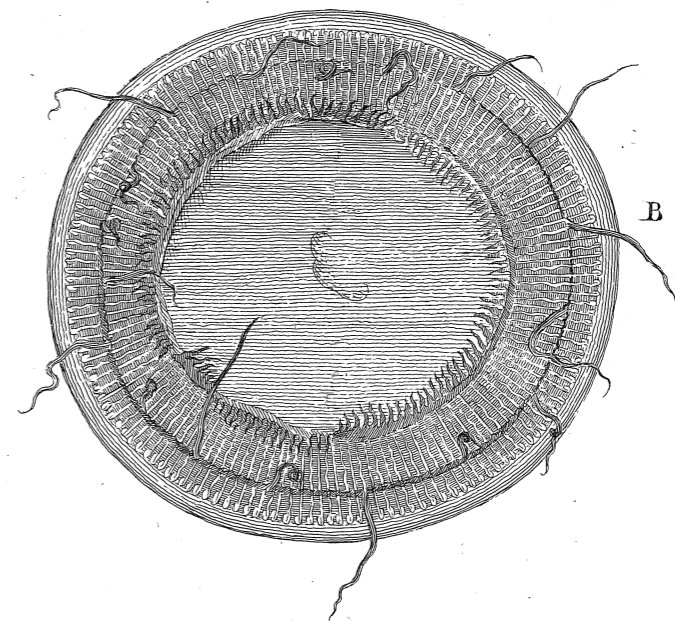
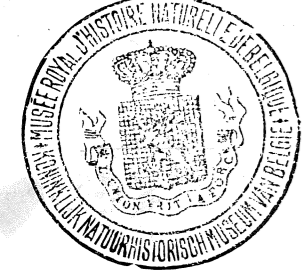


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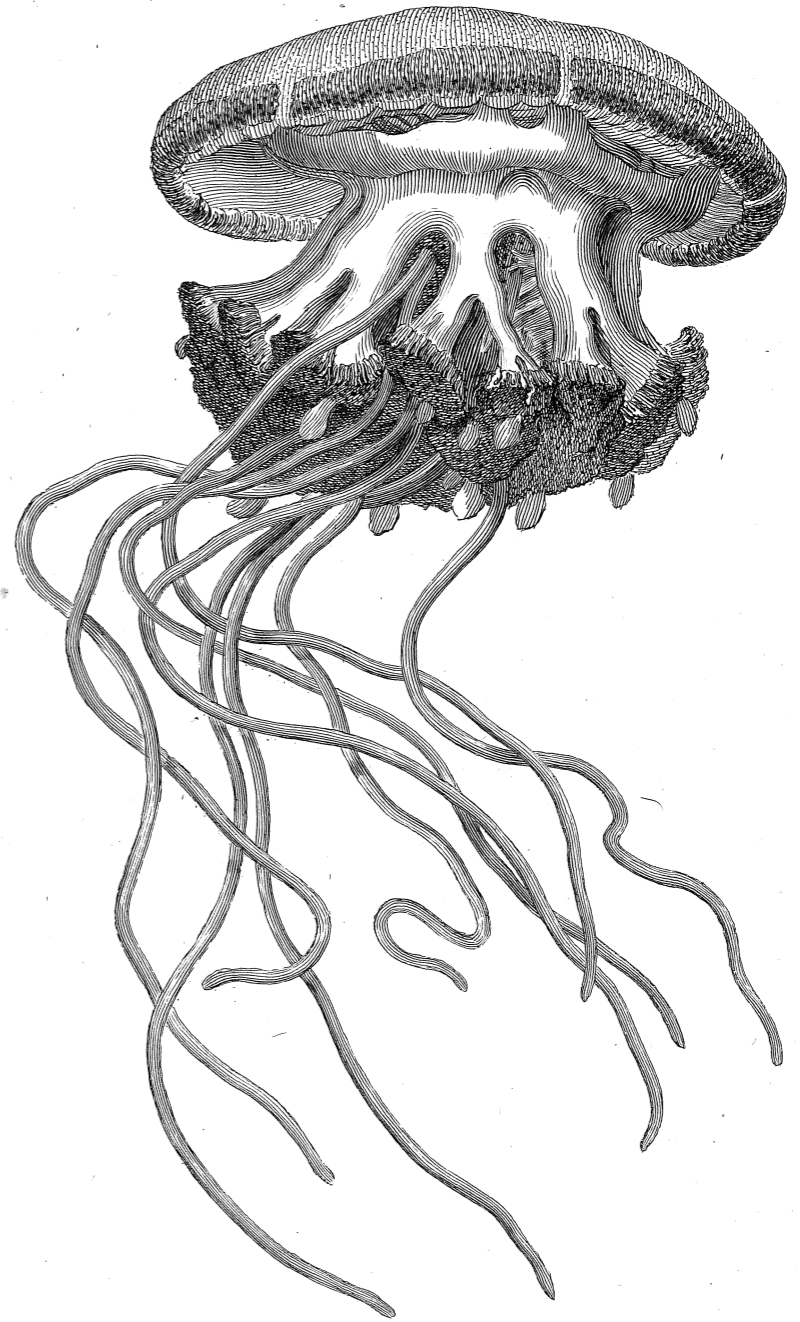


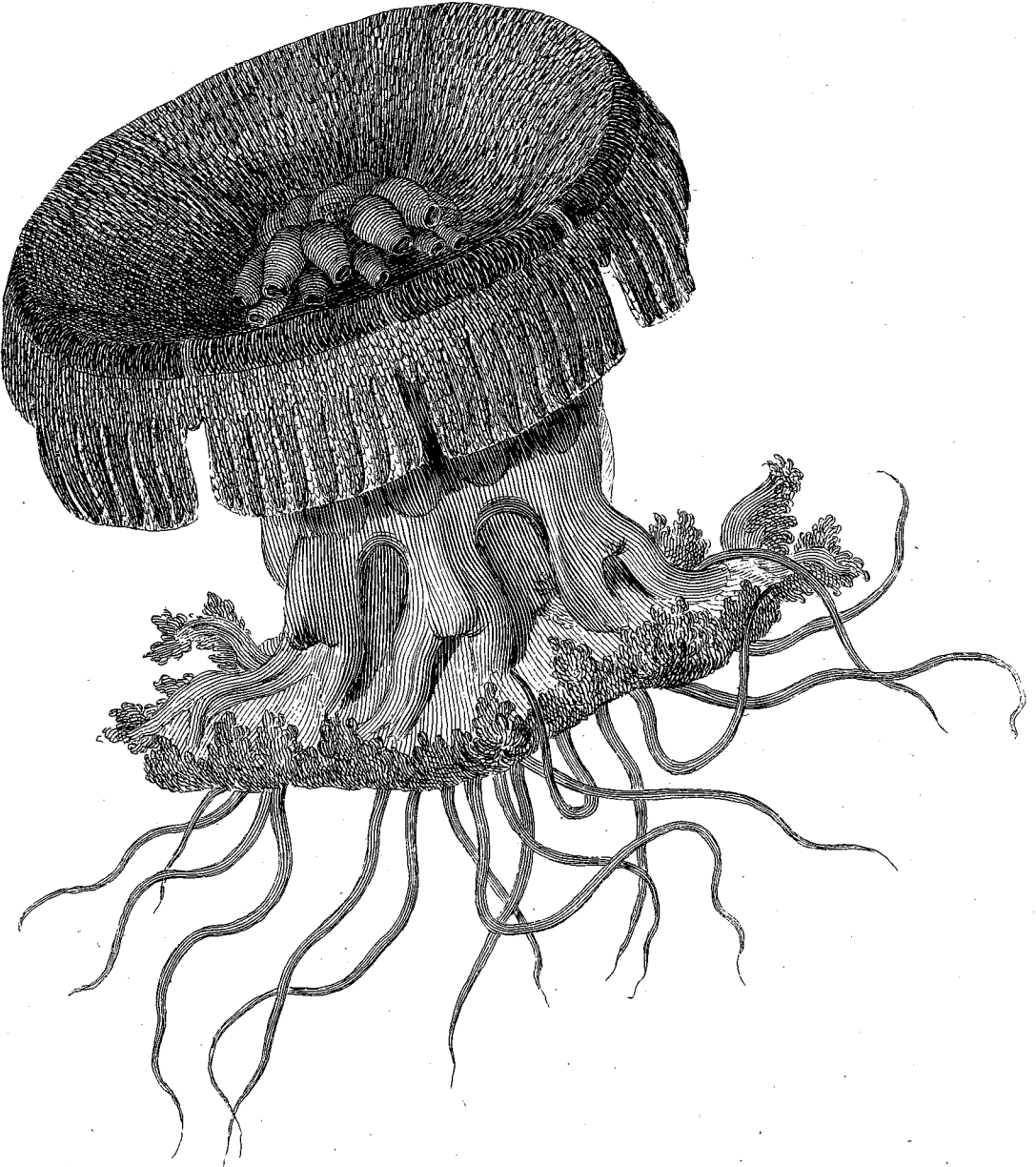
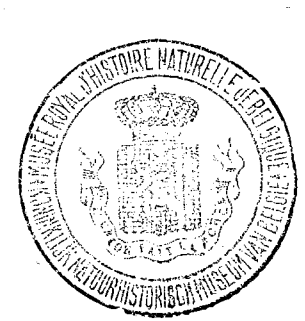


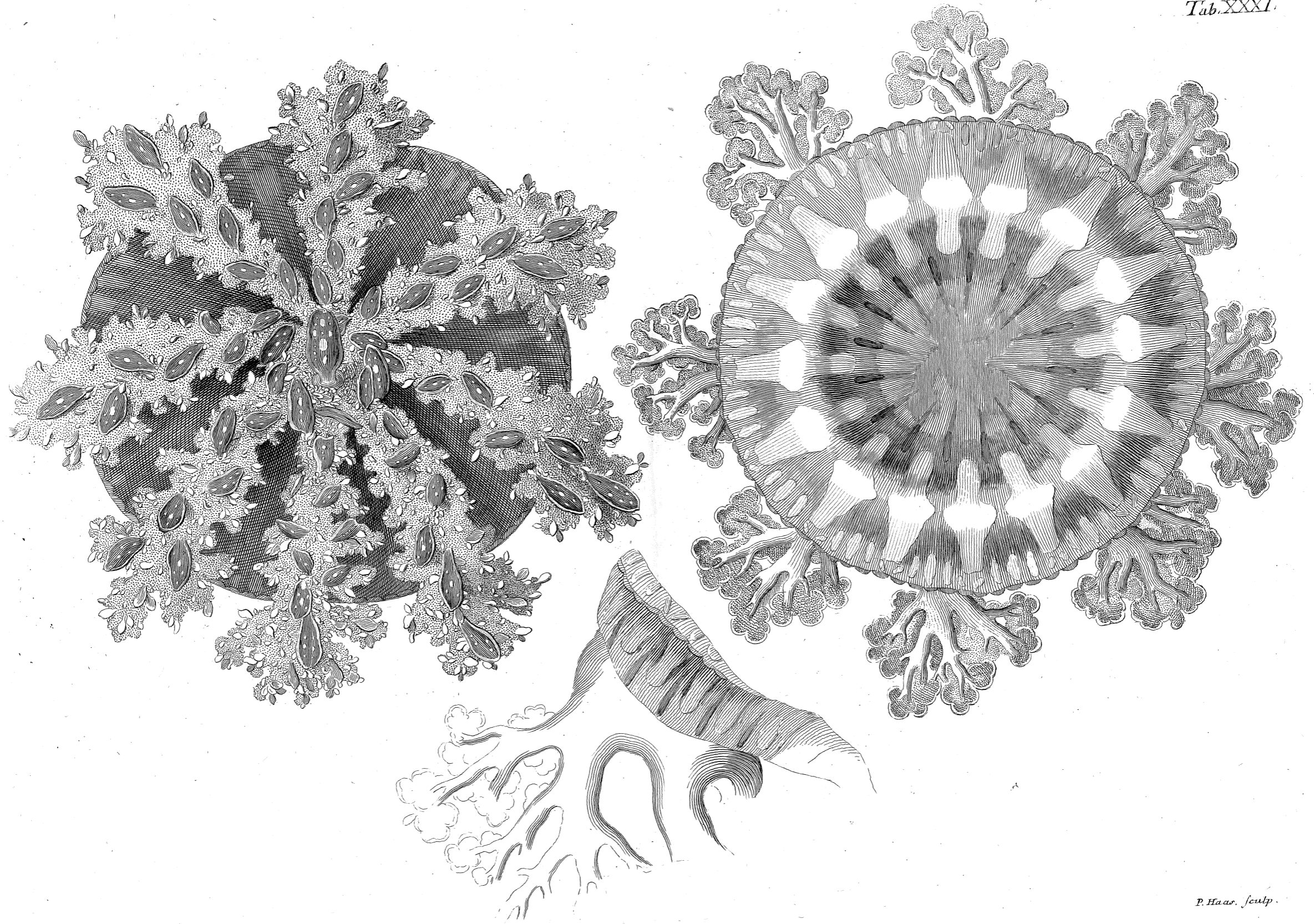


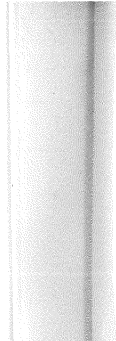


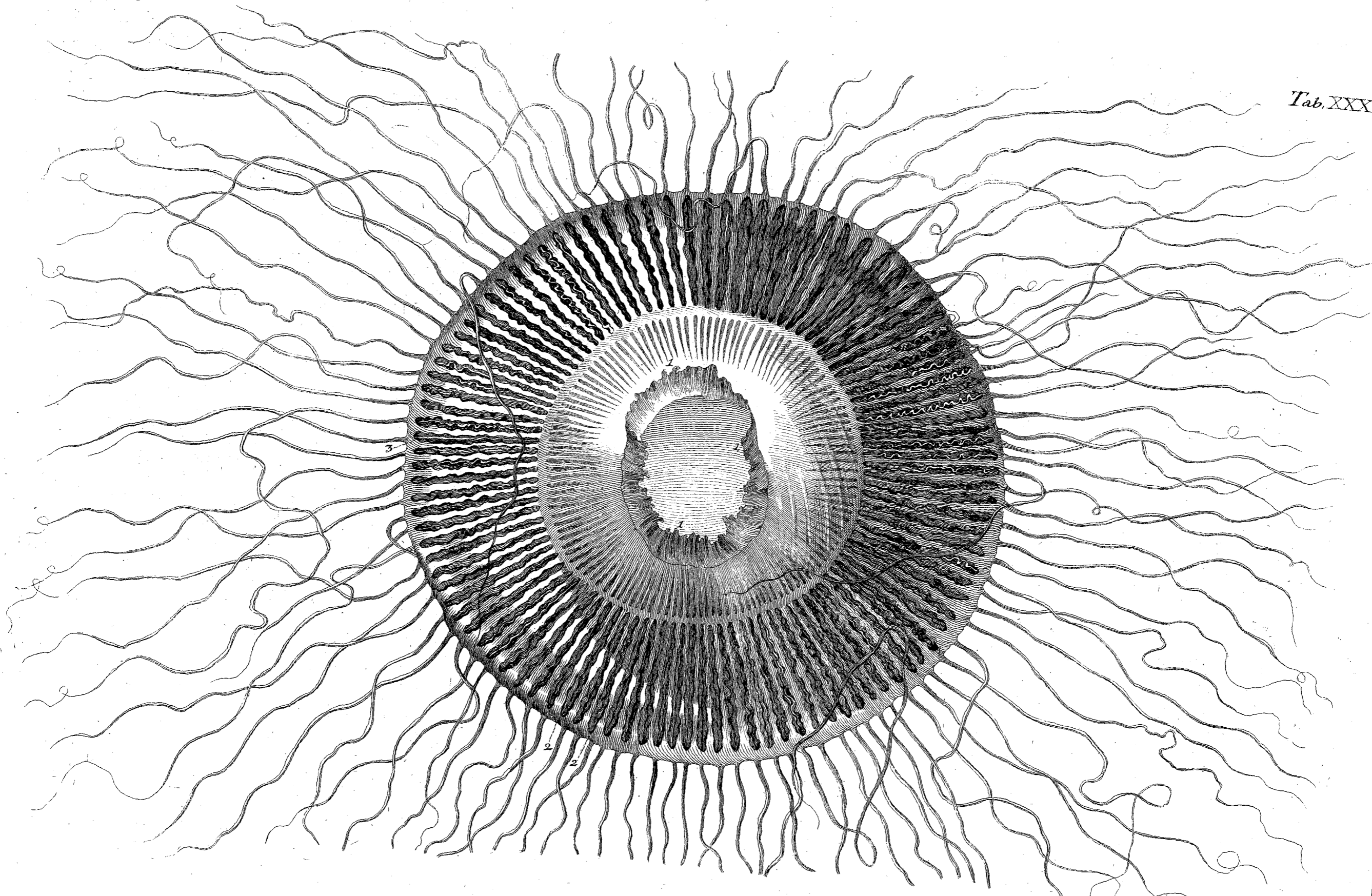


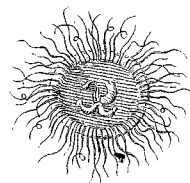




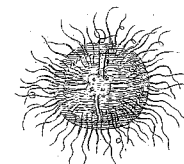




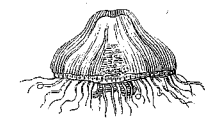




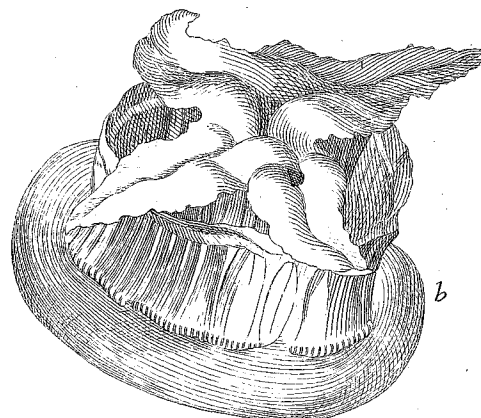
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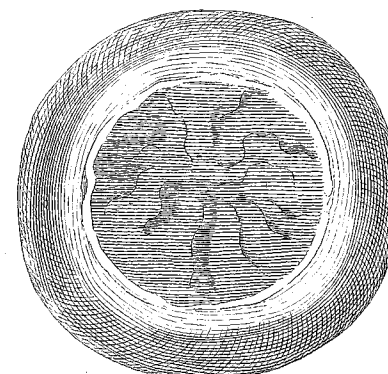
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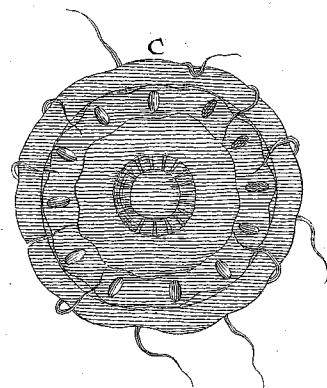
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b

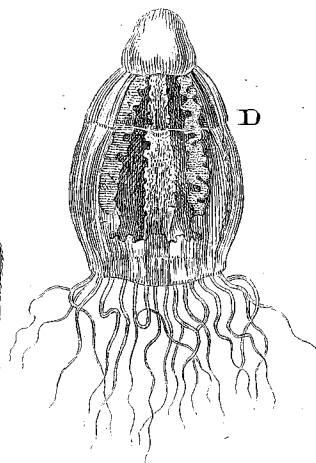


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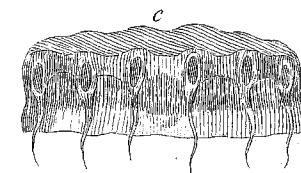


c

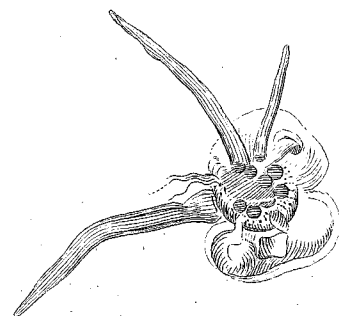
F



D



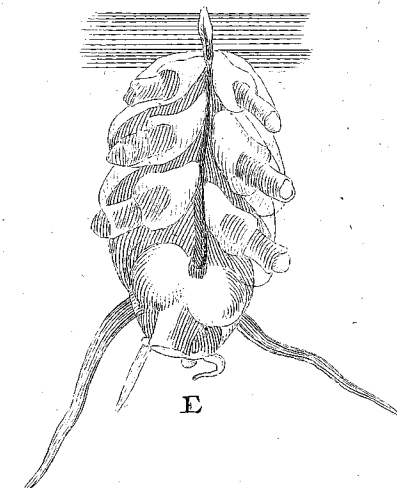
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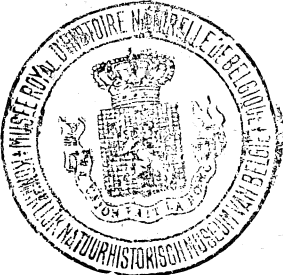
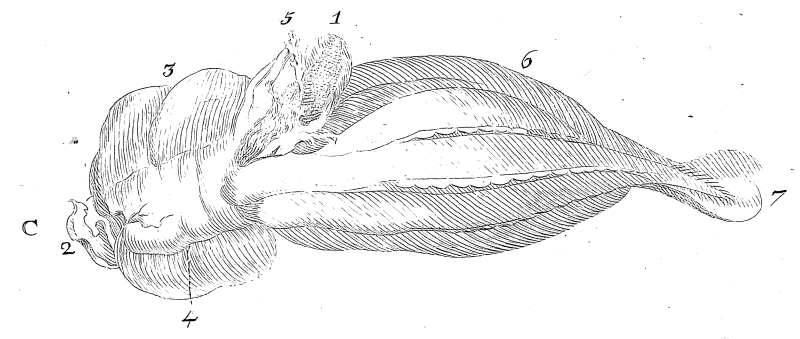
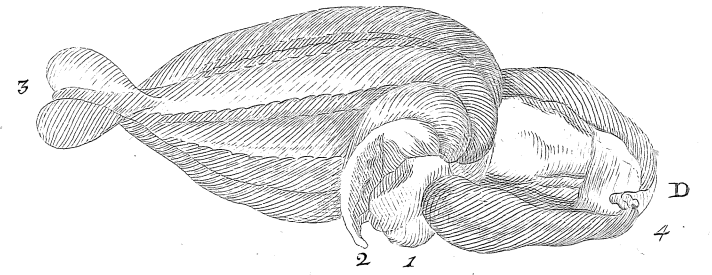
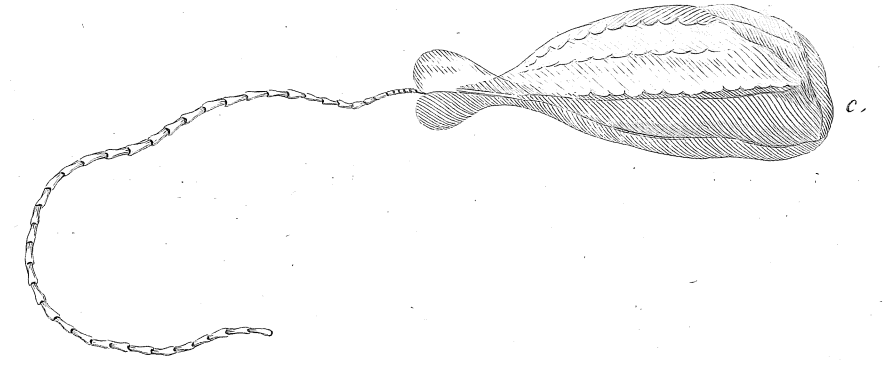
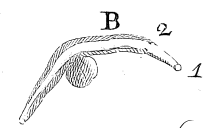
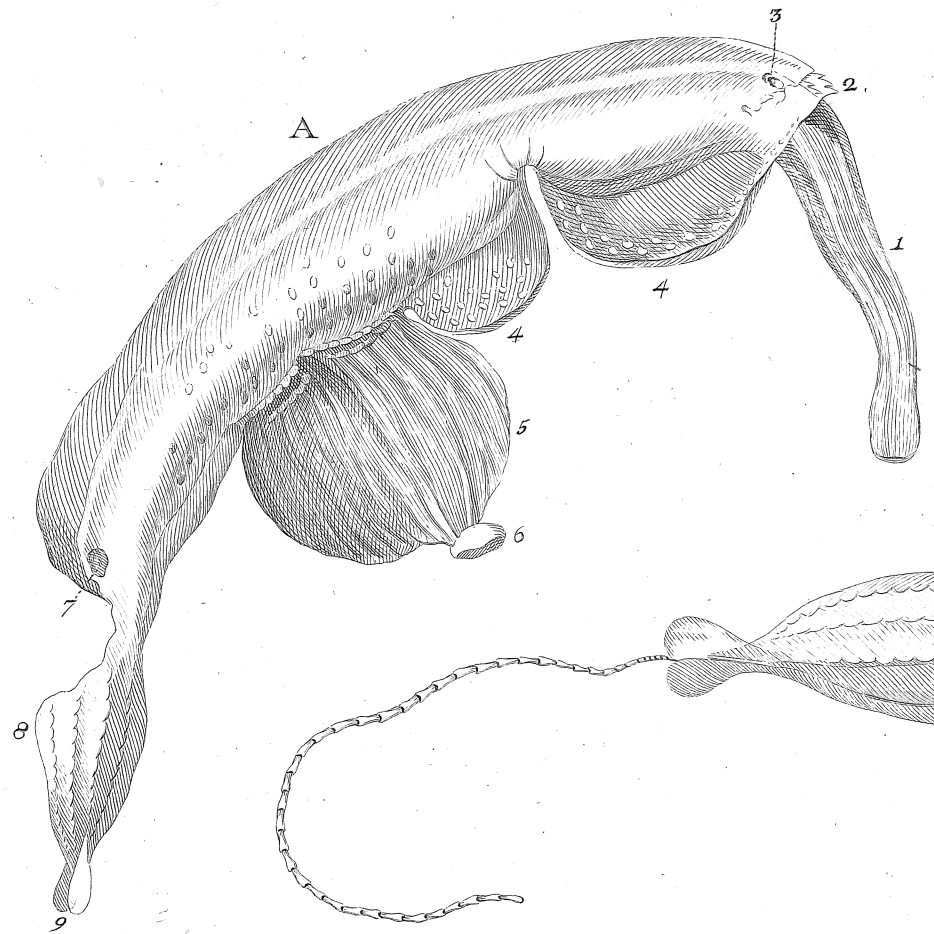
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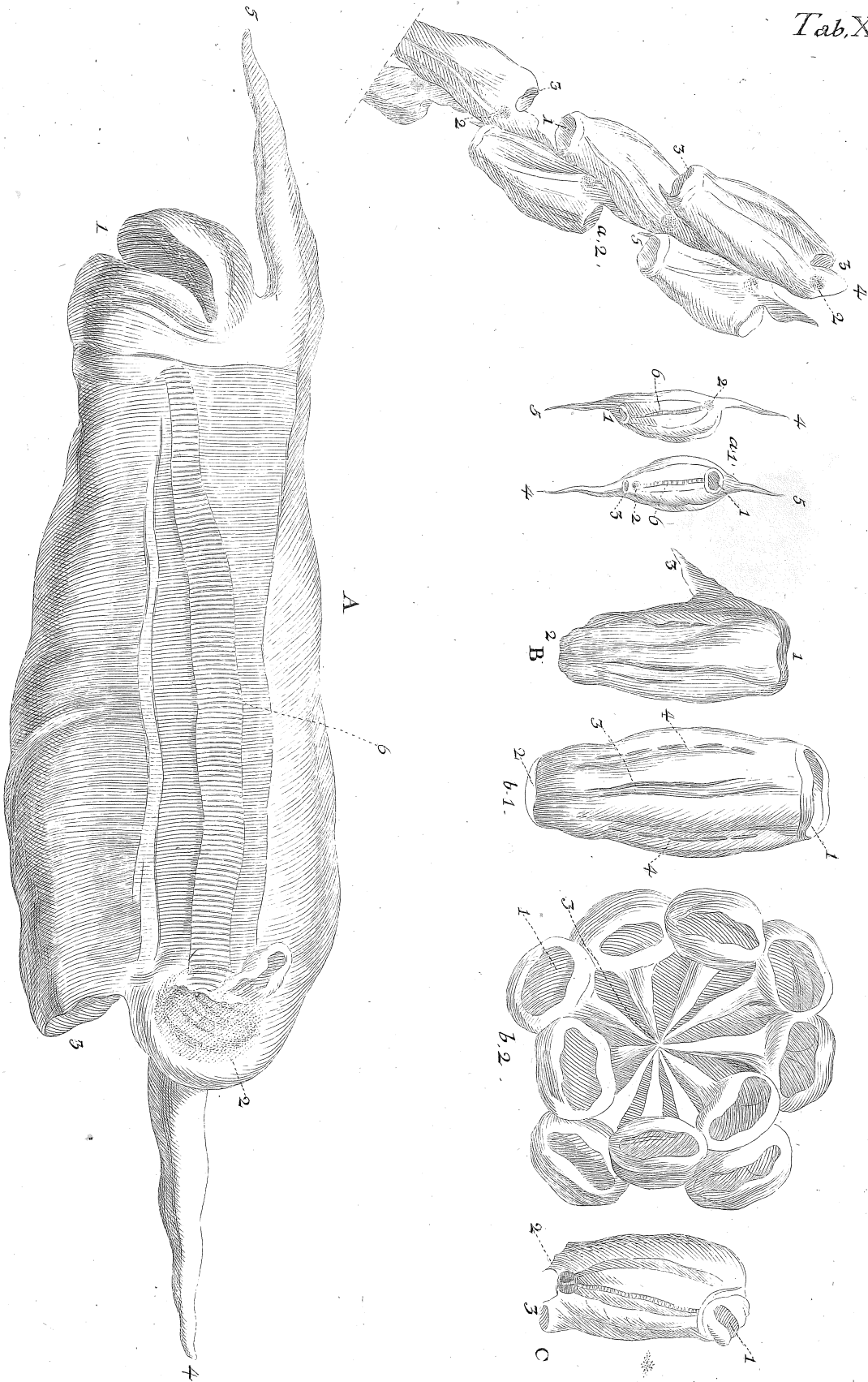


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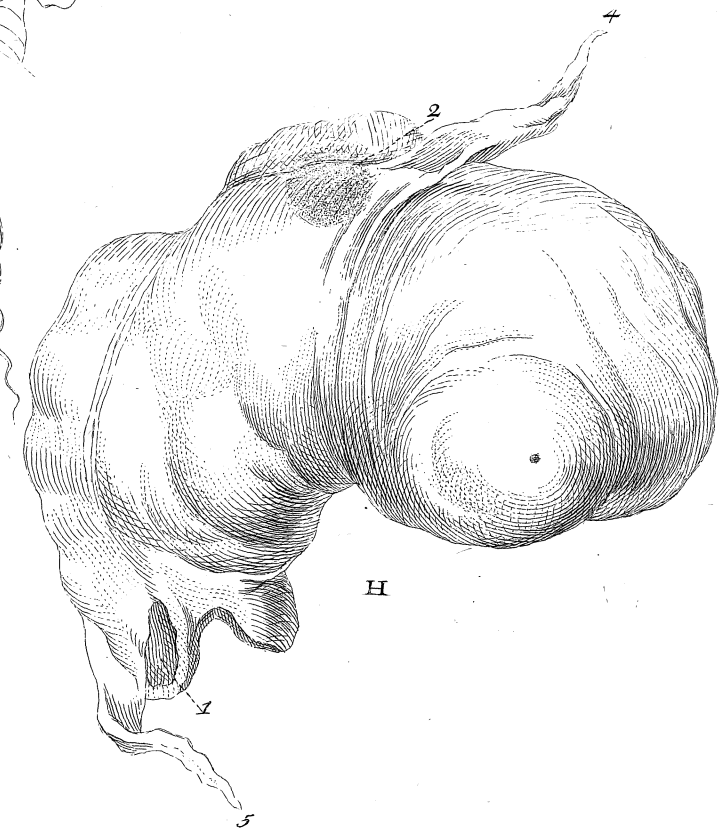
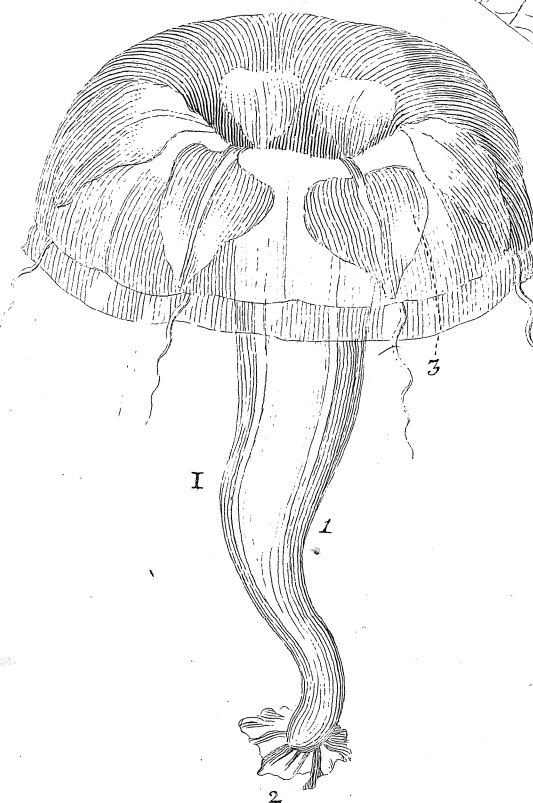
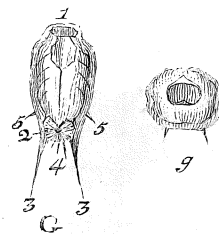
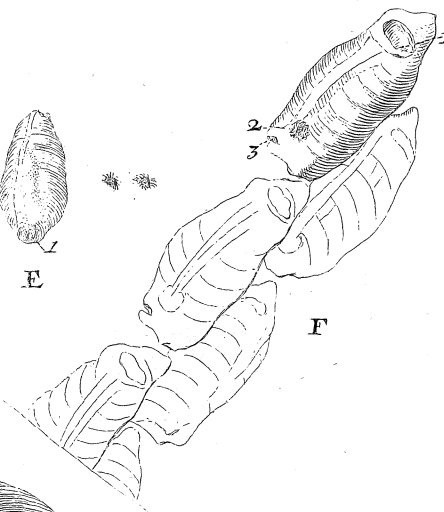
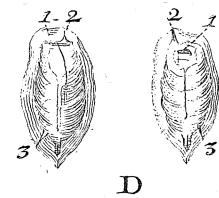
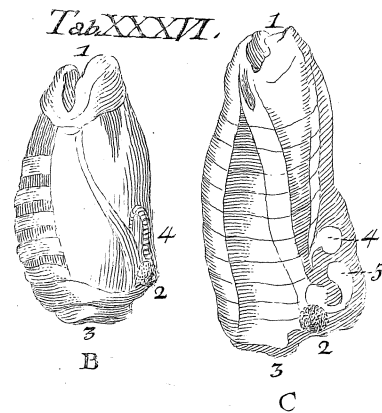
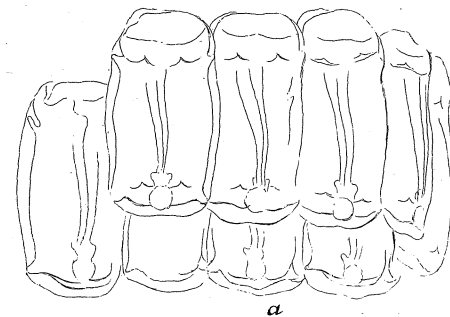
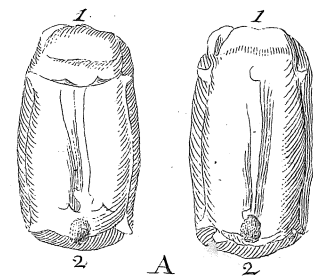
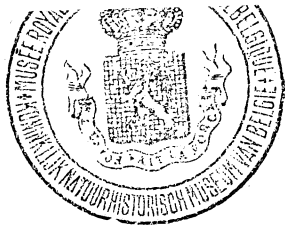


E

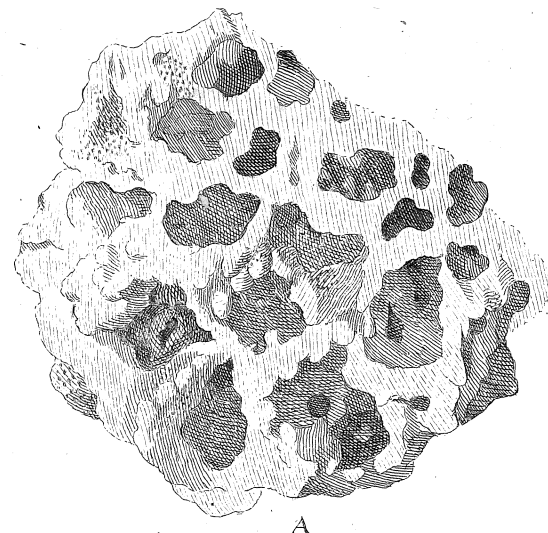
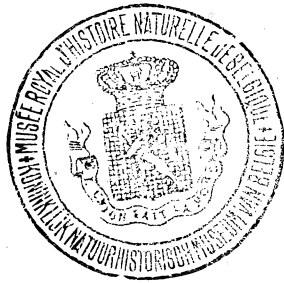




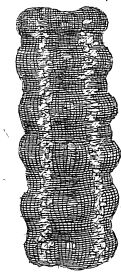




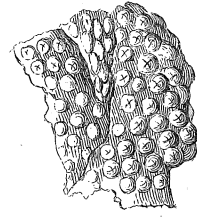
P. Haas



A



F



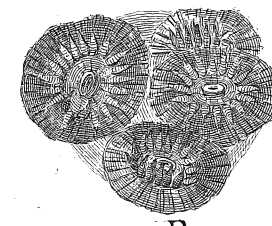
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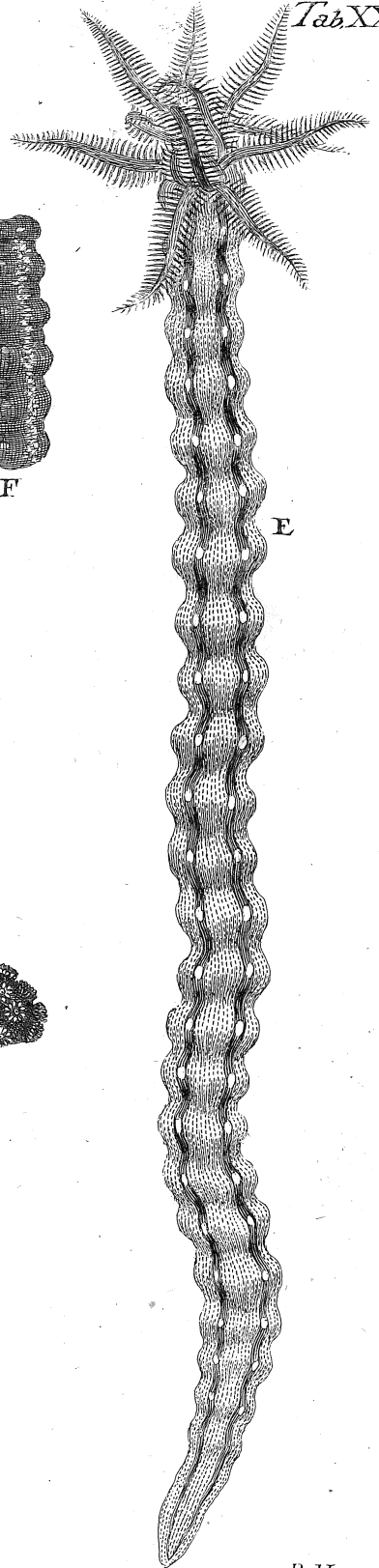
B



C



D



E

